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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 09/604,470

Filing Date June 26, 2000

First Named Inventor Michael D. Ellis

Art Unit 2611

Examiner Name Dominic D. Saltarelli

Attorney Docket Number UV-152

ENCLOSURES (Check all that apply)☒ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement*☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____
☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify
below):
Postcard**Remarks**

* This Statement is submitted before the mailing date of any of a final Office Action, a Notice of Allowance, or an Office Action that otherwise closes prosecution. In accordance with 37 C.F.R. § 1.97(c)(2), applicants have enclosed a check in the amount of \$180.00 in payment of the fee for submission of an Information Disclosure Statement. The Director is hereby authorized to charge payment of any additional fees required in connection with this Statement, or credit any overpayment of the same, to Deposit Account No 06-1075. A duplicate copy of this form is transmitted herewith.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Fish & Neave IP Group, Ropes & Gray LLP

Signature *Evelyn C. Mak*

Printed name Evelyn C. Mak

Date February 18, 2005

Reg. No. 50,492

EXPRESS MAIL CERTIFICATION

hereby certify that this correspondence is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service (Express Mail Label No. EV626909571US) under 37 C.F.R. § 1.10 addressed to: Mailstop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date shown below.

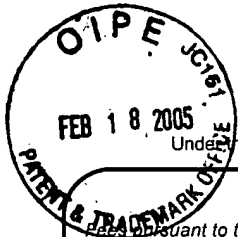
Signature *Catherine A. Dempsey*

Typed or printed name Catherine A. Dempsey

Date February 18, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Express Mail Label No. EV626909571US

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

for FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$180.00)

Complete If Known

Application Number	09/604,470
Filing Date	June 26, 2000
First Named Inventor	Michael D. Ellis
Examiner Name	Dominic D. Saltarelli
Art Unit	2611
Attorney Docket No.	UV-152

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 06-1075 Deposit Account Name: Fish & Neave IP Group, Ropes & Gray LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims		
- 20 or HP = _____ x _____ = _____		
Indep. Claims		
- 3 or HP = _____ x _____ = _____		

HP = highest number of total claims paid for, if greater than 20

Indep. Claims - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____ /50= _____ (round up to a whole number) x _____ = _____				

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

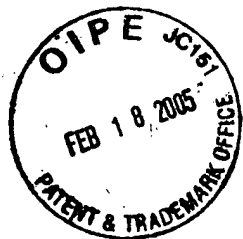
Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature	<i>Evelyn C. Mak</i>	Registration No. 50,492 (Attorney/Agent)	Telephone (212) 596-9000
Name (Print/Type)	Evelyn C. Mak		Date February 18, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Express Mail Label
No. EV626909571US

PATENTS
UV-152

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Michael D. Ellis et al.
Application No. : 09/604,470 Confirmation No.: 5098
Filed : June 26, 2000
For : INTERACTIVE TELEVISION PROGRAM GUIDE
SYSTEM WITH NICHE HUBS
Group Art Unit : 2611
Examiner : Dominic D. Saltarelli
Mailstop AMENDMENT New York, New York 10020
Commissioner for Patents February 18, 2005
P.O. Box 1450
Alexandria, Virginia 22313-1450

REST AVAILABLE COPY

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
applicants wish to call the attention of the Examiner to the
following documents:

U.S. Patent Documents

Miller	4,081,753	03/28/78
Miller	4,170,782	10/09/79
Wine	4,271,532	06/02/81
Tults	4,367,559	01/04/83
Templin et al.	4,375,651	03/01/83
Lambert	4,381,522	04/26/83
Keiser	4,390,901	06/28/83
Merrell	4,425,579	01/10/84
Cichelli et al.	4,429,385	01/31/84
Deiss	4,495,654	01/22/85

02/23/2005 CCHAU1 00000019 061075 09604470
01 FC:1806 180.00 DA

Sirazi	4,527,194	07/02/85
Beyers, Jr.	4,641,205	02/03/87
Peers et al.	4,689,022	08/25/87
Kram et al.	4,754,326	06/28/88
Levine	4,908,713	03/13/90
Levine	4,963,994	10/16/90
Hallenbeck	5,038,211	08/06/91
Strubbe et al.	5,047,867	09/10/91
Hashimoto	5,075,771	12/24/91
Yee et al.	5,210,611	05/11/93
Strubbe	5,223,924	06/29/93
Keenan	5,317,403	05/31/94
Amano et al.	5,323,240	06/21/94
Graves et al.	5,410,344	04/25/95
Strubbe	5,432,561	07/11/95
Saitoh	5,444,499	08/22/95
Gilboy	5,465,113	11/07/95
Ohga et al.	5,465,385	11/07/95
Banker et al.	5,477,262	12/19/95
Cragun et al.	5,481,296	01/02/96
Strubbe et al.	5,483,278	01/09/96
Levitan	5,534,911	07/09/96
Miller et al.	5,585,866	12/17/96
Augenbraum et al.	5,617,565	04/01/97
Rauch et al.	5,731,844	03/24/98
Dunn	5,752,160	05/12/98
Hoffberg et al.	5,774,357	06/30/98
Hendricks et al.	5,798,785	08/25/98
Bedard	5,801,747	09/01/98
Gerace	5,848,396	12/08/98
Wehmeyer	5,867,226	02/02/99
Hoffberg et al.	5,875,108	02/23/99
Lemmons et al.	5,880,768	03/09/99
Sabourin et al.	5,903,545	05/11/99
Cragun et al.	5,973,683	10/26/99
Williams et al.	5,977,964	11/02/99
Barrett et al.	6,005,597	12/21/99
Herz	6,029,195	02/22/00

Rothmuller	6,075,526	06/13/00
Hoffberg et al.	6,081,750	06/27/00
Herz et al.	6,088,722	06/11/00
Schein et al.	6,133,909	10/17/00
Killian	6,163,316	12/19/00
Etheredge	6,172,674	01/09/01
Hendricks et al.	6,181,335	01/30/01
Maze et al.	6,216,264	04/10/01
Huang et al.	6,437,836	08/20/02
Knowles et al.	6,505,348	01/07/03

Foreign Patent Documents

GB	1 554 411	10/17/79
EPO	EP 0 721 253 A2	07/10/96
EPO	EP 0 774 866 B1	05/21/97
EPO	EP 0 854 645 A2	07/22/98
PCT	WO 86/01359	02/27/86
PCT	WO 89/03085	04/06/89
PCT	WO 94/13107	06/09/94
PCT	WO 94/14284	06/23/94
PCT	WO 95/28799	10/26/95
PCT	WO 96/17473	06/06/96
PCT	WO 96/41478	12/19/96
PCT	WO 97/48230	12/18/97
PCT	WO 98/26584	06/18/98
PCT	WO 98/43183	10/01/98
PCT	WO 98/48566	10/29/98
PCT	WO 99/01984	01/14/99
PCT	WO 99/14947	03/25/99
PCT	WO 99/45701	09/10/99
PCT	WO 00/04708	01/27/00
PCT	WO 00/05889	02/03/00
PCT	WO 00/28734	05/18/00

The aforementioned documents are listed on the accompanying Form PTO/SB/08A (submitted in duplicate). Copies

of the Foreign Patent Documents are enclosed herewith pursuant to 37 C.F.R. § 1.98(a)(2)(i), but copies of the U.S. Patent Documents are not enclosed herewith pursuant to 37 C.F.R. § 1.98(a)(2)(ii).

In accordance with 37 C.F.R. § 1.98, applicants would also like to call the Examiner's attention to the following documents:

Rosenthal et al.	09/262,658	03/04/99
Knudson et al.	09/410,332	10/01/99
Knudson	10/917,860	08/13/04

Copies of these applications are enclosed herewith. These applications have not been listed on the accompanying Form PTO/SB/08A to prevent their Application Nos. from being printed on the face of any patent issuing from this application. Applicants respectfully request that the Examiner sign the statement "All references have been considered" on the bottom of page 3 of the enclosed PTO/SB/08A to indicate that these patent applications were considered (See MPEP § 609(III)(D)). Applicants request that a copy of Form PTO/SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

Consideration of the foregoing in relation to this
patent application is respectfully requested.

Respectfully submitted,

Evelyn C. Mak

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Substitute for form 1249A/PTO

FEB 18 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	09/604,470
Filing Date	June 26, 2000
First Named Inventor	Michael D. Ellis
Art Unit	2611
Examiner Name	Dominic D. Saltarelli
Attorney Docket Number	UV-152

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		us-4,081,753	03/28/78	Miller	
		us-4,170,782	10/09/79	Miller	
		us-4,271,532	06/02/81	Wine	
		us-4,367,559	01/04/83	Tults	
		us-4,375,651	01/01/83	Templin et al.	
		us-4,381,522	04/26/83	Lambert	
		us-4,390,901	06/28/83	Kaiser	
		us-4,425,579	01/10/84	Merrell	
		us-4,429,385	01/31/84	Cichelli et al.	
		us-4,495,654	01/22/85	Deiss	
		us-4,527,194	07/02/85	Sirazi	
		us-4,641,205	02/03/87	Beyers, Jr.	
		us-4,689,022	08/25/87	Peers et al.	
		us-4,754,326	06/28/88	Kram et al.	
		us-4,908,713	03/13/90	Levine	
		us-4,963,994	10/16/90	Levine	
		us-5,038,211	08/06/91	Hallenbeck	
		us-5,047,867	09/10/91	Strubbe et al.	
		us-5,075,771	12/24/91	Hashimoto	
		us-5,210,611	05/11/93	Yee et al.	
		us-5,223,924	06/29/93	Strubbe	
		us-5,317,403	05/31/94	Keenan	
		us-5,323,240	06/21/94	Amano et al.	
		us-5,410,344	04/25/95	Graves et al.	
		us-5,432,561	07/11/95	Strubbe	
		us-5,444,499	08/22/95	Saitoh	
		us-5,465,113	11/07/95	Gilboy	
		us-5,465,385	11/07/95	Ohga et al.	
		us-5,477,262	12/19/95	Banker et al.	
		us-5,481,296	01/02/96	Cragun et al.	
		us-5,483,278	01/09/96	Strubbe et al.	
		us-5,534,911	07/09/96	Levitan	
		us-5,585,866	12/17/96	Miller et al.	
		us-5,617,565	04/01/97	Augenbraum et al.	
		us-5,731,844	03/24/98	Rauch et al.	
		us-5,752,160	05/12/98	Dunn	
		us-5,774,357	06/30/98	Hoffberg et al.	
		us-5,798,785	08/25/98	Hendricks et al.	

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

3

Complete if Known

Application Number	09/604,470
Filing Date	June 26, 2000
First Named Inventor	Michael D. Ellis et al.
Art Unit	2754
Examiner Name	Dominic D. Saltarelli
Attorney Docket Number	UV-152

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		us-5,801,747	09/01/98	Bedard	
		us-5,848,396	12/08/98	Gerace	
		us-5,867,226	02/02/99	Wehmeyer	
		us-5,875,108	02/23/99	Hoffberg et al.	
		us-5,880,768	03/09/99	Lemmons et al.	
		us-5,903,545	05/11/99	Sabourin et al.	
		us-5,973,683	10/26/99	Cragun et al.	
		us-5,977,964	11/02/99	Williams et al.	
		us-6,005,597	12/21/99	Barrett et al.	
		us-6,029,195	02/22/00	Herz	
		us-6,075,526	06/13/00	Rothmuller	
		us-6,081,750	06/27/00	Hoffberg et al.	
		us-6,088,722	06/11/00	Herz et al.	
		us-6,133,909	10/17/00	Schein et al.	
		us-6,163,316	12/19/00	Killian	
		us-6,172,674	01/09/01	Etheredge	
		us-6,181,335	01/30/01	Hendricks et al.	
		us-6,216,264	04/10/01	Maze et al.	
		us-6,437,836	08/20/02	Huang et al.	
		us-6,505,348	01/07/03	Knowles et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 1 554 411	10/17/79			
		EP 0 721 253 A2	07/10/96			
		EP 0 774 866 B1	05/21/97			
		EP 0 854 645 A2	07/22/98			
		WO 86/01359	02/27/86			
		WO 89/03085	04/06/89			
		WO 94/13107	06/09/94			
		WO 94/14284	06/23/94			
		WO 95/28799	10/26/95			
		WO 96/17473	06/06/96			
		WO 96/41478	12/19/96			
		WO 97/48230	12/18/97			
		WO 98/26584	06/18/98			
		WO 98/43183	10/01/98			
		WO 98/48566	10/29/98			
		WO 99/01984	01/14/99			

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

Application Number	09/604,470
Filing Date	June 26, 2000
First Named Inventor	Michael D. Ellis et al.
Art Unit	2754
Examiner Name	Dominic D. Saltarelli
Attorney Docket Number	UV-152

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 99/14947	03/25/99			
		WO 99/45701	09/10/99			
		WO 00/04708	01/27/00			
		WO 00/05889	02/03/00			
		WO 00/28734	05/18/00			

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

All references have been considered. _____

Examiner